

Manhole Inspection Summary

Manhole # S13EE1017MH

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **13EE1** Node: **017** Status: **Found**

Insp Date: **2/5/09 11:53 AM**

Incomplete Comments

Crew: **ADS4**
Inspector: **ADS3**
Firm: **ADS**

Location Address: **2820 QUANTICO AVE**

Cross Street: **TOWANDA AVE**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☒ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **LOCATED BY REI ON 2-5-09. OPENED USING 16LB MAUL TO CRACK SEAL. APPEARS TO HAVE BEEN LINED. HEAVY FLOW COMING INTO LINE FROM 3 DIRECTIONS PREVENTED TAKING APROPRIATE PICTURES AS EXPECTED OF IN INSPECTION. HEAVY FLOW ALSO PREVENTED TAKING ACCURATE MEASUREM**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Worn**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **2** (in.)

Condition: ☒ Sound

☐ Cracked

☐ Leaks

Chimney / Frame Adjustment

☐ Exists Material:

☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☒ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☒ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **9** Missing: **0** ☒ Corroded

Surcharge

☒ Evidence Of Surcharge

Depth: **4** (ft.) ☐ Active Surcharge Present

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Location View



Top View



Defect 3



2" FRAME OFFSET

Defect 2



WORN COVER

Defect 1



CORRODED STEPS AND EVIDENCE OF SURCHARGE

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21 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



IMPOSSIBLE TO CAPTURE PIPE
CONNECTION PICTURE WITH POLE
CAMERA DUE TO VELOCITY OF FLOW

Pipe Height: (in.) Direct

Pipe Material: **Unknown** ☐ Pipe Lined

Invert Depth: **16.75** (ft.) Flow Characteristics: **Turbulent**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Connecting Node Not
Available**

☐ Possible Illicit Connection

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15 in. Circular Gravity Sewer
Pipe In @ 5 O'Clock

5 O'Clock Inflow



IMPOSSIBLE TO USE POLE CAMERA TO
TAKE PIPE CONNECTION PICTURE DUE
TO VELOCITY OF FLOW

Pipe Height: **14.4** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **16.61** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Connecting Node Not
Available**

☐ Possible Illicit Connection

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18 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow

Drop In @ 6 O'Clock



IMPOSSIBLE TO CAPTURE PIPE
CONNECTION PICTURE WITH POLE
CAMERA DUE TO VELOCITY OF FLOW



Pipe Height: **16.8** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.26** (ft.) Flow Characteristics: **Turbulent**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: **Outside** Rod and Bar

Angled: **Yes** Reading: **15.55** (ft.)

Inv Depth: **16.55** (ft.)

Drop Condition: **Open**

Connects To: **Connecting Node Not
Available**

☐ Possible Illicit Connection

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10 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock

Drop In @ 9 O'Clock



IMPOSSIBLE TO CAPTURE PIPE
CONNECTION PICTURE WITH POLE
CAMERA DUE TO VELOCITY OF FLOW



NOTE HEAVY FLOW

Pipe Height: **10.8** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **9.50** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: Inside	Rod and Bar
Angled: Yes	Reading: 15.50 (ft.)
	Inv Depth: 16.50 (ft.)
Drop Condition: Open	

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection